

FORM PTO-1449 (REV. 6-89)			U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		Attorney's Docket No. 21153-04920	Serial No. 10/014,679	
<b>INFORMATION DISCLOSURE CITATION</b>			P E JONES MAY 13 2002 PATENT & TRADEMARK OFFICE				
(Use several sheets if necessary)			Filing Date December 11, 2001		Group Art Unit 3662		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
9/19/01	A	3,467,906	09/16/69	Cornely et al.	330	4.3	
	B	3,828,231	08/06/74	Yamamoto	357	30	
	C	4,794,346	12/27/88	Miller	330	4.3	
	D	5,436,759	7/25/95	Dijaili et al.	359	333	
	E	5,949,807	09/07/1999	Fujimoto et al.	372	45	
	F	5,960,024	09/28/1999	Li et al.	372	96	
	G	6,044,100	03/28/2000	Hobson et al.	372	46	
9/19/01	H	6,115,517	09-05-00	Shiragaki et al.	385	24	
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation
9/19/01	I	JP 01129483	11/14/87	Japan	H01S	3/18	Yes No
1	J	JP 10190147	07/21/98	Japan	H01S	3/18	No
9/19/01	K	JP 56006492	01/23/81	Japan	H01S	3/18	No
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
9/19/01	L	Alcatel, "Alcatel Optronics introduces a Gain-Clamped Semiconductor Optical Amplifier," <i>Press Release for Immediate Publication, OFC '98</i> , San Jose (Feb. 1998), 1 unnumbered page.					
	M	Bauer, B. et al., "Gain Stabilization of a Semiconductor Optical Amplifier by Distributed Feedback," <i>IEEE Photonics Technology Letters</i> , Vol. 6, No. 2 (Feb. 1994), pages 182-185.					
	N	Dorgeuille, F., et al., "1.28 Tbit/s Throughput 8x8 Optical Switch Based on Arrays of Gain-Clamped Semiconductor Optical Amplifier Gates," <i>Optical Fiber Communication Conference</i> , Vol. 4, Pages 221-223, March 2000.					
	O	Dorgeuille, F., et al., H., "Fast Optical Amplifier Gate Array for WDM Routing and Switching Applications," <i>OFC '98 Technical Digest</i> , Pages 42-44, 1998.					
	P	Doussiere, P. et al., "Clamped Gain Travelling Wave Semiconductor Optical Amplifier for Wavelength Division Multiplexing Applications," <i>Maui, Hawaii, Sept. 19-23, 1994, New York, IEEE, US, Vol. Conf. 14 (9/14/94)</i> , pages 185-186.					
9/19/01	Q	Evankow, Jr., J.D., et al., "Photonic Switching Modules Designed with Laser Diode Amplifiers," <i>IEEE, Journal on Selected Areas in Communications</i> , Vol. 6, No. 7, Pages 1087-1095, August 1988.					
EXAMINER	Mark Hettner			DATE CONSIDERED 9-9-2003			
EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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(Use several sheets if necessary)		MAY 13 2002 U.S. PATENT AND TRADEMARK OFFICE 50180		Applicant Jeffrey D. Walker et al.			
				Filing Date December 11, 2001	Group Art Unit 3662		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes      No
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
9/9/02	R	Gee, S. et al., "High-Power Mode-Locked External Cavity Semiconductor Laser Using Inverse Bow-Tie Semiconductor Optical Amplifiers," <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , Vol. 4, No. 2, March/April 1998, pages 209-215.					
	S	Jeong, G., et al., "Gain Optimization in Switches Based on Semiconductor Optical Amplifiers," <i>Journal of Lightwave Technology</i> , Vo. 13, No. 4, Pages 598-605, April 1995.					
	T	Joyner, C.H. et al., "Extremely Large Band Gap Shifts for MQW Structures by Selective Epitaxy on SiO <sub>2</sub> Masked Substrates," <i>IEEE Photonics Technology Letters</i> , Vol. 4, No. 9 (Sept. 1992), pp. 1006-1009.					
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	X	McAdams, L.R. et al., "Linearizing High Performance Semiconductor Optical Amplifiers: Techniques and Performance," <i>LEOS Presentation</i> (1996), pages 363-364.					
	Y	Mutalik, V.G. et al., "Analog performance of 1310-nm gain-clamped semiconductor optical amplifiers," <i>OFC '97 Technical Digest</i> , Thursday Morning, 11:15 AM, pages 266-267.					
	Z	Simon, J.C. et al., "Travelling wave semiconductor optical amplifier with reduced nonlinear distortions," <i>Electronics Letters</i> , Vol. 30, No. 1 (Jan 6, 1994), pages 49-50.					
	AA	Soulage, G. et al., "Clamped Gain Travelling Wave Semiconductor Optical Amplifier as a Large Dynamic Range Optical Gate," Alcatel Alsthom Recherche, route de Nozay, 91460 Marcoussis, France, undated, 4 unnumbered pages.					
	BB	Tai, C., et al., "Dynamic Range and Switching Speed Limitations of an N x N Optical Packet Switch Based on Low-Gain Semiconductor Optical Amplifiers," <i>IEEE Journal of Lightwave Technology</i> , Vol. 14, No. 4, Pages 525-533, April 4, 1996.					
9/9/02	CC	Tiemeijer, L.F. et al., "1310-nm DBR-Type MQW Gain-Clamped Semiconductor Optical Amplifiers with AM-CATV-Grade Linearity," <i>IEEE Photonics Technology Letters</i> , Vol. 8, No. 11 (Nov. 1996), pages 1453-1455.					
EXAMINER Mack Hellner			DATE CONSIDERED 9-4-2003				
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